ILLUSTRATIONS

OF THE

BOTANY

AND

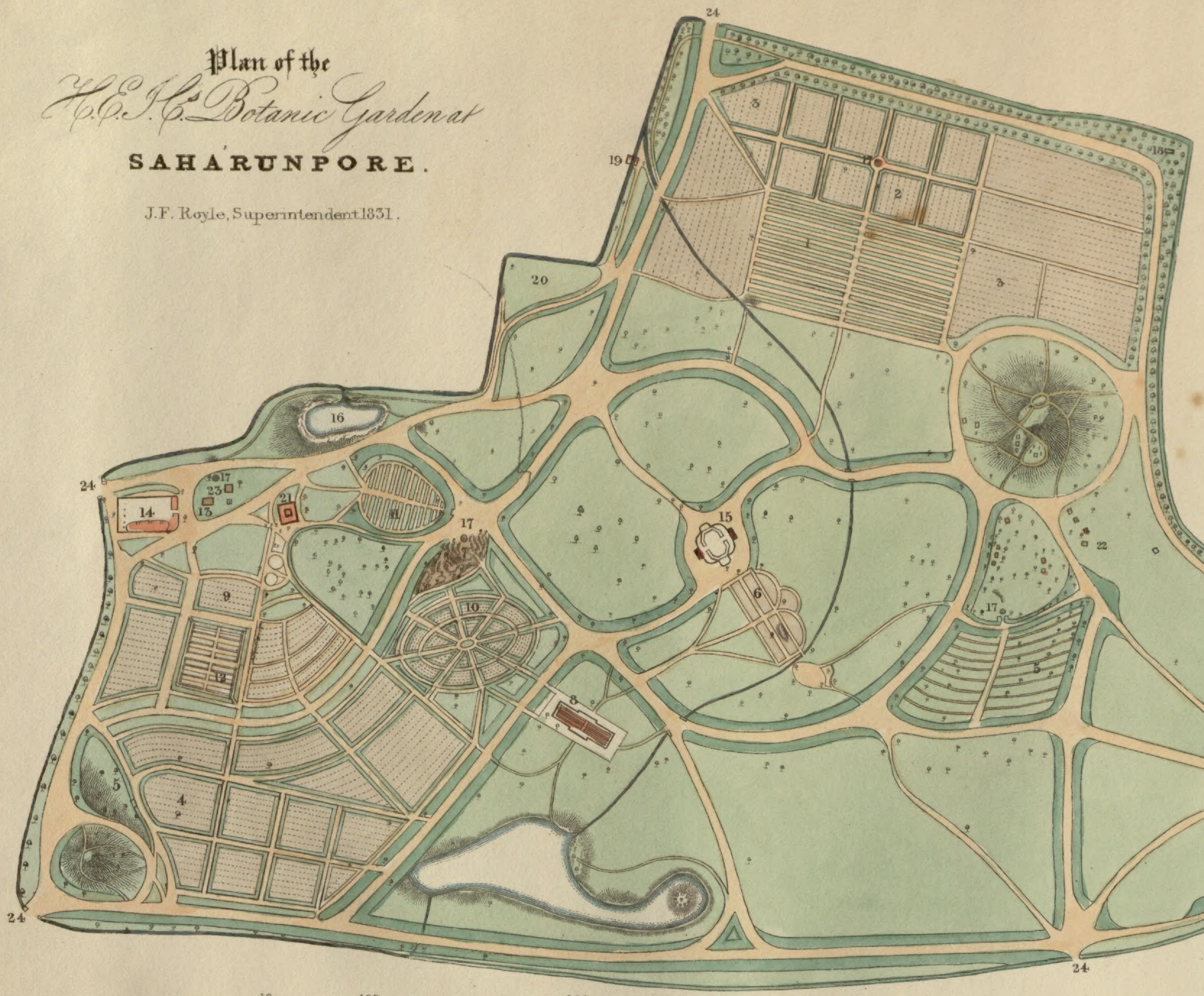
OTHER BRANCHES OF THE NATURAL HISTORY

OF THE

HIMALAYAN MOUNTAINS.

Plan of the H.E.I.C.S. Botanic Garden at SAHARUNPORE.

J.F. Royle, Superintendent 1831.



REFERENCES.

1 *Linnean Garden.*
2 *Medicinal Garden.*
3 *Agricultural Garden.*
4 *Horticultural department.*
5 *Doab Canal Tree nursery.*
6 *Nursery for hill Plants.*
7 *Artificial Rock work for Plants*
8 *Conservatory.*
9 *Nursery for Fruit Trees.*
10 _____ *Cuttings.*
11 _____ *Seedlings.*
12 _____ *Bulbous Plants.*
13 *Teel House.*
14 *Bullock Shed.*
15 *Chabutra.*
16 *Tanks.*
17 *Wells.*
18 *Gardener's House.*
19 *Mill & Cut from Doab Canal.*
20 *Animal & Vegetable compost grounds.*
21 *Hindu Temple.*
22 *Suttee monuments.*
23 *Samats.*
24 *Gates.*

Qk349.33
.R68
1839
Plates

ILLUSTRATIONS

OF THE

BOTANY

AND

OTHER BRANCHES OF THE NATURAL HISTORY

OF THE

HIMALAYAN MOUNTAINS,

AND OF THE

FLORA OF CASHMERE.

VOL. II.—PLATES.

By J. FORBES ROYLE, M.D., V.P.R.S.,

LATE OF THE MEDICAL STAFF OF THE BENGAL ARMY;

Fellow of the Linnean, the Geological, the Horticultural, and the Royal Asiatic Societies of London; of the Asiatic and Medical Societies of Calcutta; Member of the Imperial Society Naturæ Curiosorum, &c. &c.; late Superintendant of the Honourable E.I. Company's Botanic Garden at Saharunpore;

Professor of Materia Medica and Therapeutics, King's College.

MISSOURI
BOTANICAL
GARDEN.

LONDON:

Wm. H. ALLEN and CO.,

LEADENHALL STREET

1839.

ALPHABETICAL LIST OF A HUNDRED AND NINETY-SEVEN PLANTS, FIGURED.

	Plate.	Fig.
Abies Pindrow	86	1
Aceras angustifolia	87	1
Aconitum heterophyllum	13	—
Amphicome arguta	72	1
Andromeda fastigiata	63	1
Andropogon Calamus Aromaticus	97	3
Anemone discolor	11	1
Aplotaxis gnaphaloides	59	1
Aquilaria Agallocha	36	1
Arenaria festucoides	21	3
Aster angustifolius	58	1
Astragalus Grahamianus	36	2
——— leucocephalus...	33	2
Balanophora dioica	78 a or 99	2
Begonia echinata	80	1
Bieberstenia odora	30	—
Burmannia cœlestis	91	1
Butomus lanceolatus	95	1
Calimeris flexuosa	58	2
Campanula Cashmeriana	62	1
Caragana Gerardiana	34	1
——— (Genista) versicolor	—	2
Cassia (Senna) lanceolata	37	—
Cedrela serrata	25	—
Cerasus cornuta	38	2
Ceropegia Wallichii	66	3
Chaptalia gossypina	59	2
Chirita bifolia	70	2
Cimicifuga frigida	14	—
Circæa cordata	43	1
Cissus capreolata	26	2
——— rosea	—	1
Codonopsis ovata	69	3
——— rotundifolia	62	2
Conocarpus latifolia	45	1
Corvisartia indica	60	1
Corydalis Cashmeriana	16	1
——— Govaniana	—	2
Crocus sativus	90	1
Cucumis Hardwickii	47	3
——— pseudo-Colocynthis	—	2
——— pubescens	—	1
Cyathidium taraxacifolium	56	2
Cyananthus integra	69	2
——— lobata	—	1
Cyrtopera flava	88	1
Dalibarda calycina	39	2
Daphne mucronata	81	2
Delphinium Cashmerianum	12	—
Dendrobium alpestre	88	2
Deutzia corymbosa	46	2
Dictamnus Himalayanus	29	—
Didymocarpus macrophylla	70	1
Dolomiæa macrocephala	57	—
Echinops nivea	56	1
Edwardsia mollis	32	2
Elæagnus parviflora	81	1
Epilobium laxum	43	2
Eremostachys superba	74	—
Eriocaulon Sollyanum...	97	1
Eriocycla nuda	51	2
Euphorbia Cashmeriana	82	4
——— humilis	—	2
——— nana	—	3
——— pentagona	—	1
Eurya acuminata	24	1
Evonymus echinata	31	1
Falconeria insignis	84a. or 98	2
——— Wallichii	—	3
Fritillaria Thomsoniana	92	1
——— verticillata	—	2
Gagea elegans	95	2
Galatilla juncea	58	3
Gaultheria nummularioides...	63	2
——— tricophylla	—	3
Gaylusacia vaccinacea	79	2
Gentiana contorta	68	3
——— coronata	—	1
——— Kurroo	—	2
Geranium Lindleyanum	27	—
Glossopteris danæoides (Fossil)	2	9
Gossypium arboreum	23	2
——— herbaceum	—	1
Grewia elastica	22	—
Gymnandra Cashmeriana	73	3
Herminium gramineum	87	3
Holostemma Brunoniana	66	2
Hordeum Ægiceras	97	2
Hymenolæna Govaniana	52	2
Hypericum Japonicum...	24	2
Hypoxis minor	91	3
Impatiens bicolor	28	1
——— glandulifera	—	2
Iris longifolia	91	2
——— Nepalensis	90	2
Isopyrum grandiflorum	11	3

	Plate.	Fig.
Isopyrum microphyllum	11	4
Kohautia coccinea	53	1
Lantana dubia	73	2
Leucostemma angustifolium	21	2
——— latifolium	—	1
Ligularia arnicoides	60	2
Lloydia Himalensis	93	2
——— Kunawurensis	—	3
Lonicera bracteata	53	2
Lychnis fimbriata	20	2
Lythrum Cashmerianum	44	1
Meconopsis aculeata	15	—
Morina Wallichiana	55	1
Mulgedium macrorhizum	61	1
——— sagittatum	—	2
Murdannia scapiflora	95	3
Myosotis moltkioides	73	1
Myricaria bracteata	44	2
Nardostachys Jatamansi	54	—
Odina Wodier	31	2
Olea ferruginea	65	1
Ophiopogon intermedius	96	1
Orthanthera viminea	66	1
Osmorhiza laxa	52	1
Parnassia nubicola	50	3
Parochetus (communis) oxalidifolia	35	1
Pecopteris Lindleyana (Fossil)	2	4
Pedicularis versicolor	72	2
Peristylus Goodyeroides	87	2
Philadelphus tomentosus	46	1
Phlomis Cashmeriana	75	1
Picrorhiza Kurrooa	71	2
Pinus Gerardiana	85	2
——— Khutrow	84	1
——— longifolia	85	1
Platystemma violoides	71	1
Polygala crotalarioides	19	3
——— furcata	—	2
——— myrsinites	—	1
——— tryphilla	—	4
Polygonum Brunonis	80	3
——— vaccinifolium	—	2
Populus ciliata	84a. or 98	1
Potentilla Cautleyana	40	1
——— Inglisii	41	3
——— microphylla	—	2
——— pteropoda	40	2
——— Saundersiana	41	1
Primula elliptica	76	2
——— obtusifolia	77	1
——— purpurea	—	2

	Plate.	Fig.
Primula rosea	76	1
Prinsepia utilis	38	1
Procris obtusa	83	3
——— peduncularis	—	2
——— racemosa	—	1
Putranjiva Roxburghii	83a.or100	—
Pycnoclycla glauca	51	1
Quercus dilatata	84	2
Ranunculus polypetalus	11	2
Rheum spiciforme	78	1
——— Webbianum	78 or 99	—
Rhododendron anthopogon	64	3
——— lepidotum	—	1
Rosa sericea (tetrapetala)	42	1
——— Webbiana	—	2
Roscoea Alpina	89	1
——— lutea	—	2
——— purpurea	—	3
Salvia hians...	75	2
Saxifraga ciliata	49	2
——— imbricata	—	1
——— ramulosa	—	3
——— spinulosa	50	2
——— stenophylla	—	1
Scabiosa speciosa	55	2
Sedum azureum	48	2
——— coccineum	—	3
——— linearifolium	—	1
Sibbaldia purpurea	40	3
Sieversia elata	39	1
Silene Falconeriana	20	1
Smilax maculata	94	1
——— Villandia	—	2
Smithia ciliata	35	2
Sonerila tenera	45	2
Swertia alternifolia	67	2
——— cœrulea	—	1
Syringa Emodi	65	2
Tauscheria desertorum	17	—
Thermopsis barbata	32	1
Thibaudia variegata	79	1
Trillium Govanianum	93	1
Trizygia speciosa (Fossil)	2	8
Uraria lagopoides	33	1
Uvularia Leschenaultiana	96	2
Vertebraria Indica (Fossil)	2	1, 2, 3
——— radiata (Fossil)	—	5, 6, 7
Viola Kunawurensis	18	3
——— reniformis	—	2
——— serpens	—	1

LIST OF PLATES.

FRONTISPIECE.—View of the Himalaya Mountains, vicinity of Almorah.

GEOLOGY.

Section of the Himalayas from Sidowra to the Shatool Pass, Pl. 1, No. 1.

Section of the Himalayas from Saharunpore to the sources of the Jumna and Tonse, Pl. 1, No. 2.

Elevation of the sources of the Ganges.

Section of the Coal Formation from Pachette to Chinnakooree, on the Damooda, Pl. 1, No. 3.

Section of the Central Range of India from Shergatty to Roghonautpore, Pl. 1, No. 4.

FOSSILS.

From the Burdwan Coal Formation.—Plants.—Pl. 2.

Vertebraria indica, figs. 1, 2, 3.
Vertebraria radiata, figs. 5, 6, 7.
Tryzigia speciosa, fig. 8.
Pecopteris Lindleyana, fig. 4.
Glossopteris danæoides, fig. 9.

Himalayan, from the N.E. of the line of Snowy Peaks, Pl. 3.

Fig. 1. Skull of a fossil Antelope.
2. Lower Jaw of a fossil Deer.
3. Fossil Tooth of a Rhinoceros.

From the elevated Valley of the Spiti, N.W. of Kunawur—Shells—Pl. 3.

Fig. 16. Astarte.
17. Arca v. Cucullæa.
18. Undetermined.
19. Avicula.
20. Terebratula v. Atypa.
21. Another species.
22. Ammonites.
23. Delthyris?
24. Ammonites.
25. Belemnites canaliculatus.
26. Belemnites canaliculatus.
27. Belemnites sulcatus.

From the marle of the Sub-Himalayan, or Sewalik range on the S.W. or plainward base of the Himalayas.—Pl. 3.

Fig. 4. Back view of a Fish's tooth (Squalus?).
5. Front view ditto.
6. Bone of a fossil Fish.
7. Saurian tooth, Crocodile, (*mugger*) half-inverted view.
8. Side view of ditto.
9. Saurian tooth, Crocodile, (mugger).
10. Saurian, apparently back cheek tooth, front.
11. Saurian, apparently back cheek tooth, side.
12. Tooth of Anthracotherium, 0·6 inch.
13. Tooth of Anthracotherium, 0·6 of an inch.
14. Tooth of ditto, broad end, 0·4 by 0·36 inch.
15. Tooth of ditto, 0·4 by 0·6 inch.

FOSSILS.—continued.

Pl. 6.—From the Sandstone of the Sewalik, or Sub-Himalayan Hills.

Fig. 1*a*. Head of Sivatherium giganteum, one-sixth nat. size.

b. Upper jaw.

c. View of the occiput, with the core of one of the posterior horns, one-eighth nat. size.

d. View of the outside of the left lower jaw.

(*c*. and *d*. by Col. Colvin).

2. Right half of upper jaw of a fossil Monkey, found by Lieuts. Durand and Baker, nat. dim.

3*a*. *b*. Plan and elevation of Rhinoceros Sivalensis (Cautley) one-fourth nat. size.

4*a*. *b*. Scull of Hippopotamus Sivalensis (Cautley) one-sixth nat. size. *c*. Molar tooth of another.

5*a*. *b*. Plan and elevation of fossil Ox, one-eighth nat. size.

6*a*. *b* Plan and elevation of var. fossil Ox, one-eighth nat. size.

7*a*. Incisor of a fossil Horse. *b*. Crown of ditto.

MAMMALIA.

Lagomys Roylei (Ogilby), in plate named *alpinus*, Pl. 4.

Cervus Dodur (Royle), Pl. 5, upper fig. Cervus Rutwa (Hodgs.), Pl. 5, lower fig.

BIRDS.

Birds of Tropical Forms in N. India and the Himalayas during the rainy season, Pl. 7.

Certhia Goalpariensis. Eurylaimus Dalhousiæ. Pitta Brachyura.

Birds of European Forms in the Himalayas, Pl. 8.

Fig. 1. Garrulus bispecularis. 2. Carduelis caniceps. 3. Turdus (*albicollis* in Plate) albocinctus.

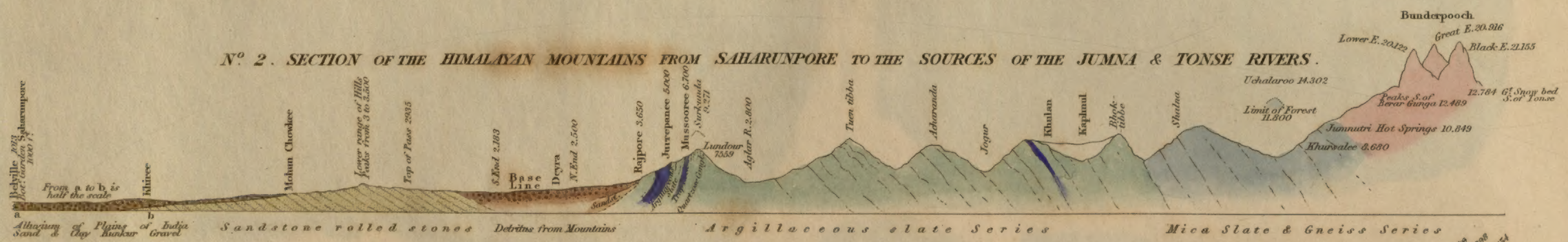
INSECTS.

Coleoptera.	Cetonia Roylii	Pl. 9, fig. 1.		Lepidoptera.	Papilio Machaon	Pl. 10, fig. 4.	
	Geotrupes orientalis ...	—	2.		Paphia Parakekta	—	3*a*,&*b*.
	Onthophagus phanæoides	—	3.		Campylotes histrionicus	—	1.
	Lucanus lunifer ...	—	4.	Orthoptera.	Mantis Roylii	—	5.
	Lamia Wallichii	—	5, 6.	Hymenoptera.	Dirhinus Himalayanus ...	—	8.
	Porus ochraceus	—	7.	Heteroptera.	Scutellera pulchella ...	—	6.
	Aphodius irregularis ...	—	8.		Megarhynchus transversalis	—	7.
	Anisotelus bimaculatus	—	9.	Homoptera.	Cicada sulphurea	—	2.
	Elater cyanopterus ...	—	10.	Diptera.	Hippobosca maculata ...	—	10.
	Ripiphorus apicalis ...	—	11.		Nycteribia Roylii	—	9.
Dermaptera.	Forficula macropyga ...	—	12.				

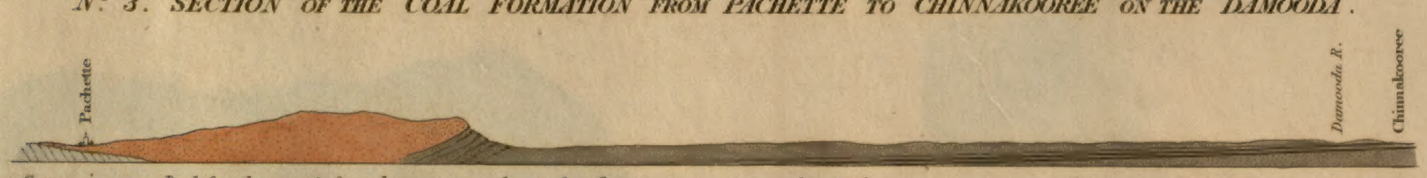
Ground Plan of the Saharunpore Botanic Garden.

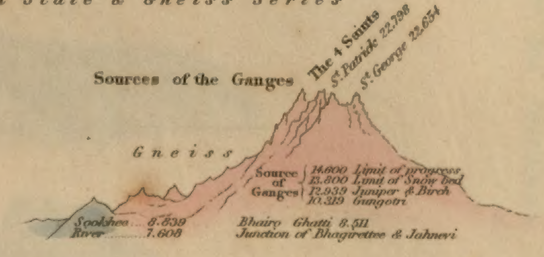
N°. 1. SECTION OF THE HIMALAYAN MOUNTAINS FROM SIDOWRA TO THE SHATOOL PASS.

N°. 2. SECTION OF THE HIMALAYAN MOUNTAINS FROM SAHARUNPORE TO THE SOURCES OF THE JUMNA & TONSE RIVERS.

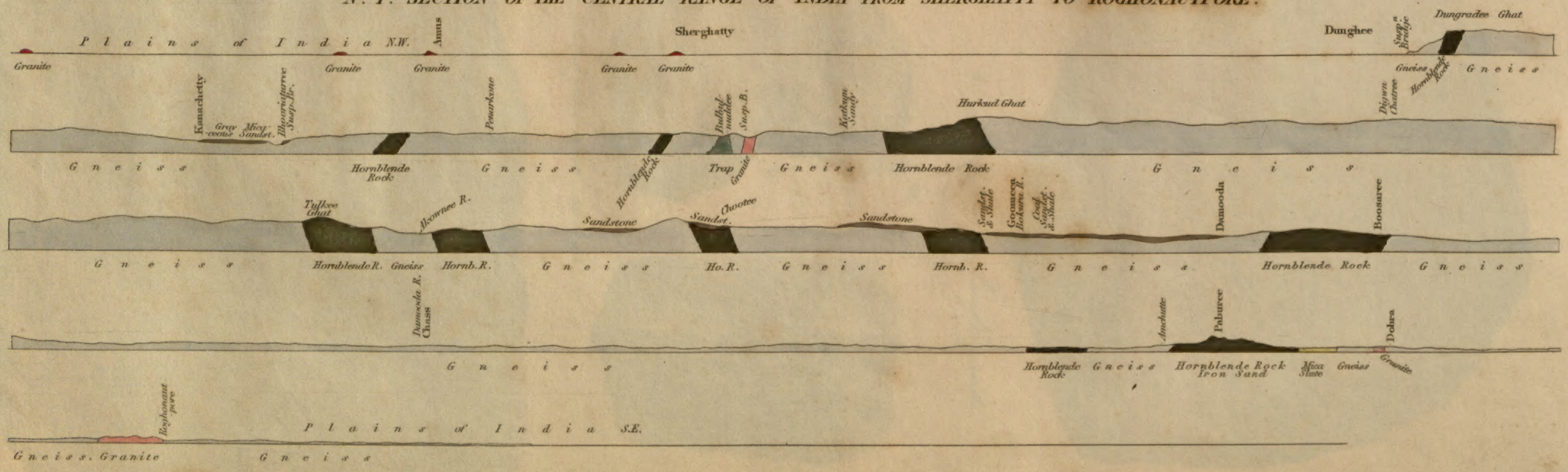


N°. 3. SECTION OF THE COAL FORMATION FROM PACHETTE TO CHINNAKOOREE ON THE DAMOODA.





N°. 4. SECTION OF THE CENTRAL RANGE OF INDIA FROM SHERGHATTY TO ROGHONAUTPORE.



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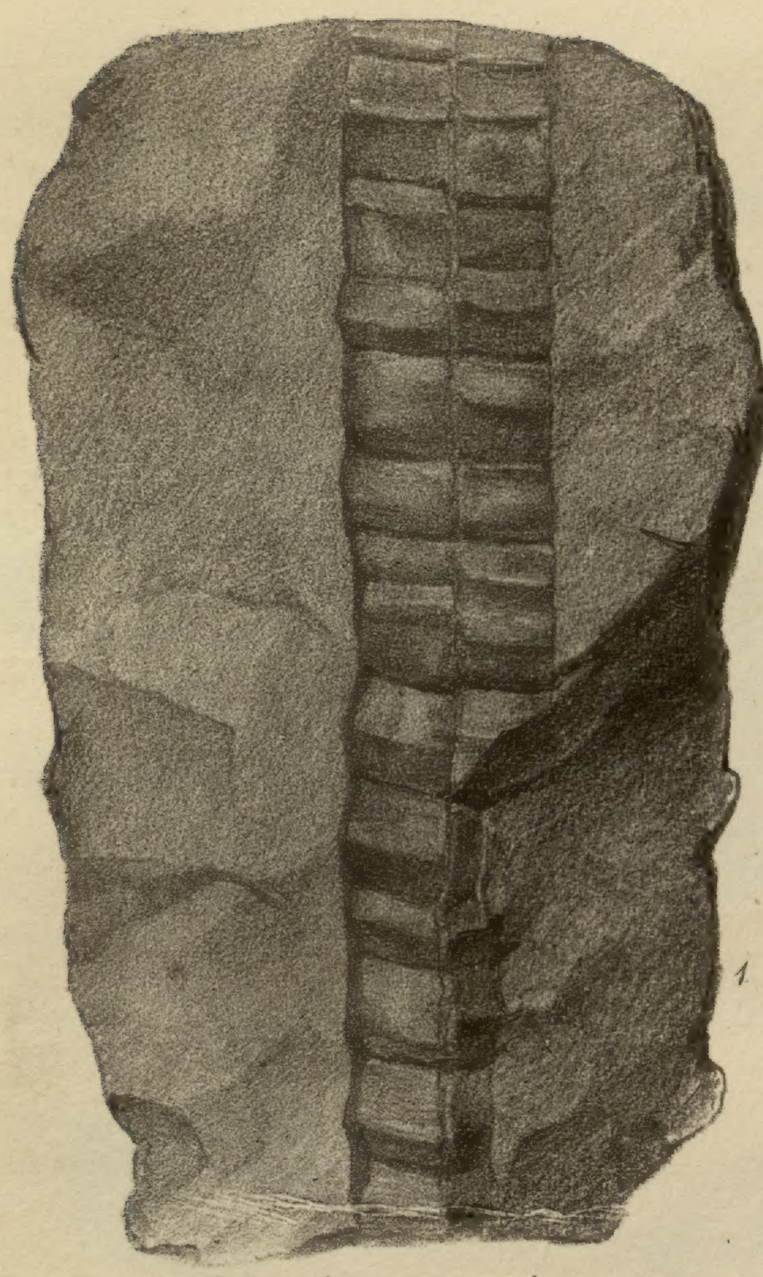
FOSSIL PLANTS.

from the Burdwan Coal Formation.



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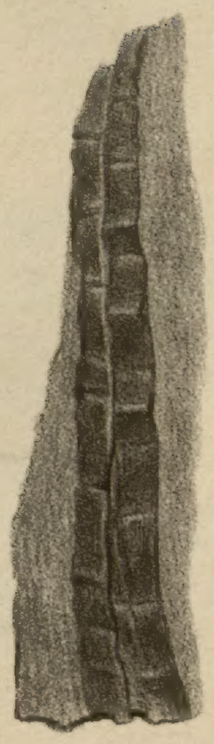


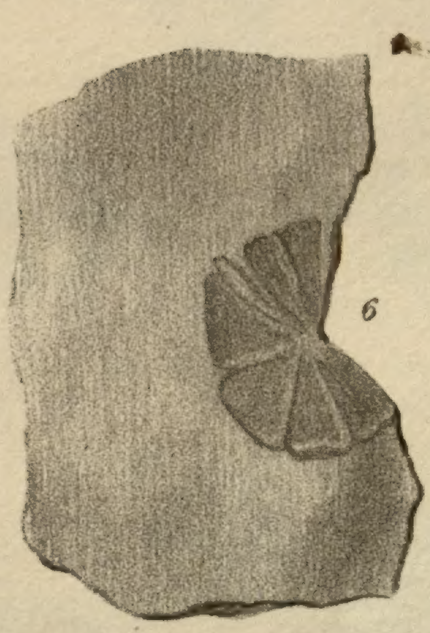
2

3

1.2.3. *Vertebraria indica.*

4. *Pecopteris Lindleyana.*

7



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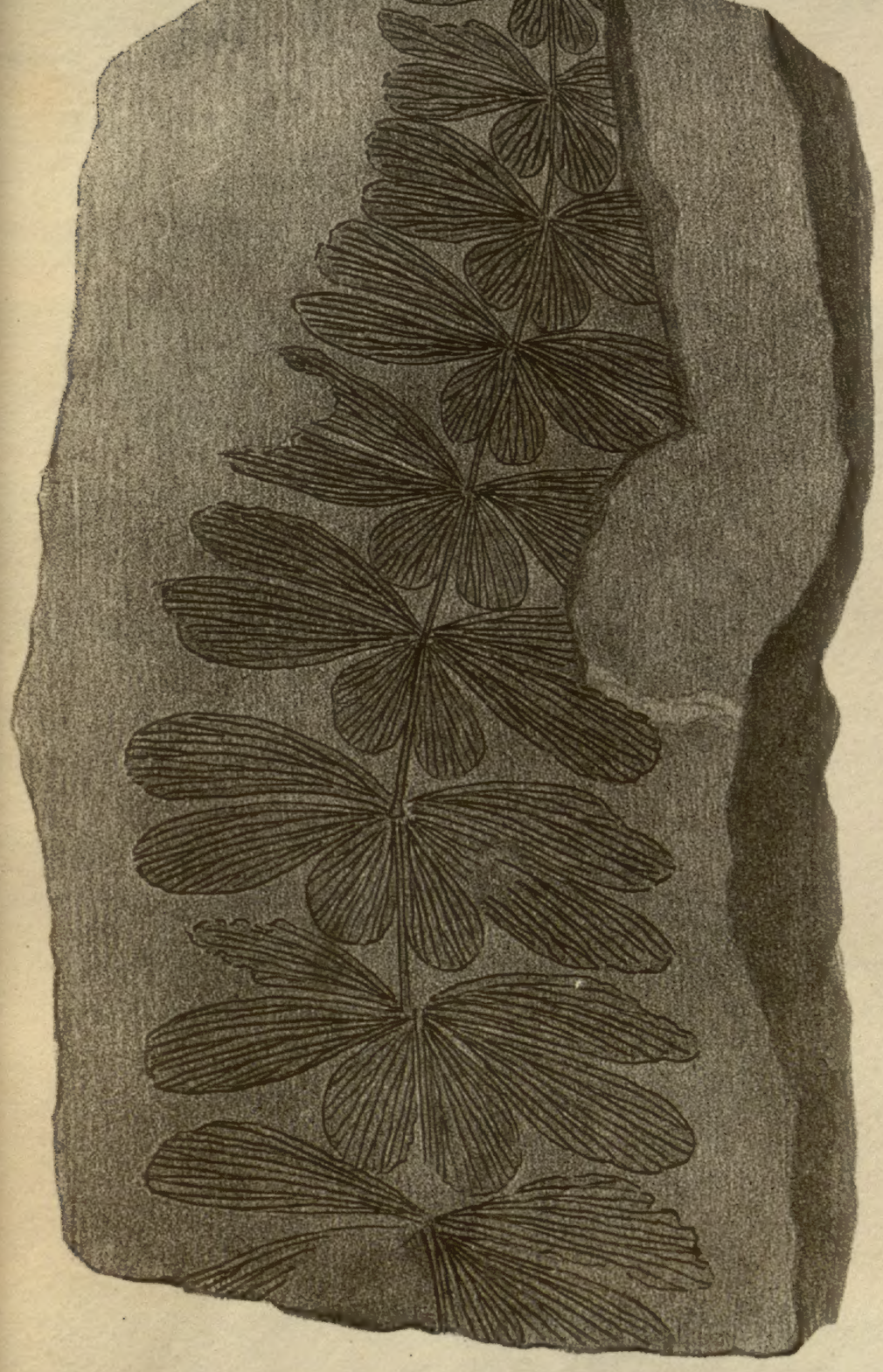
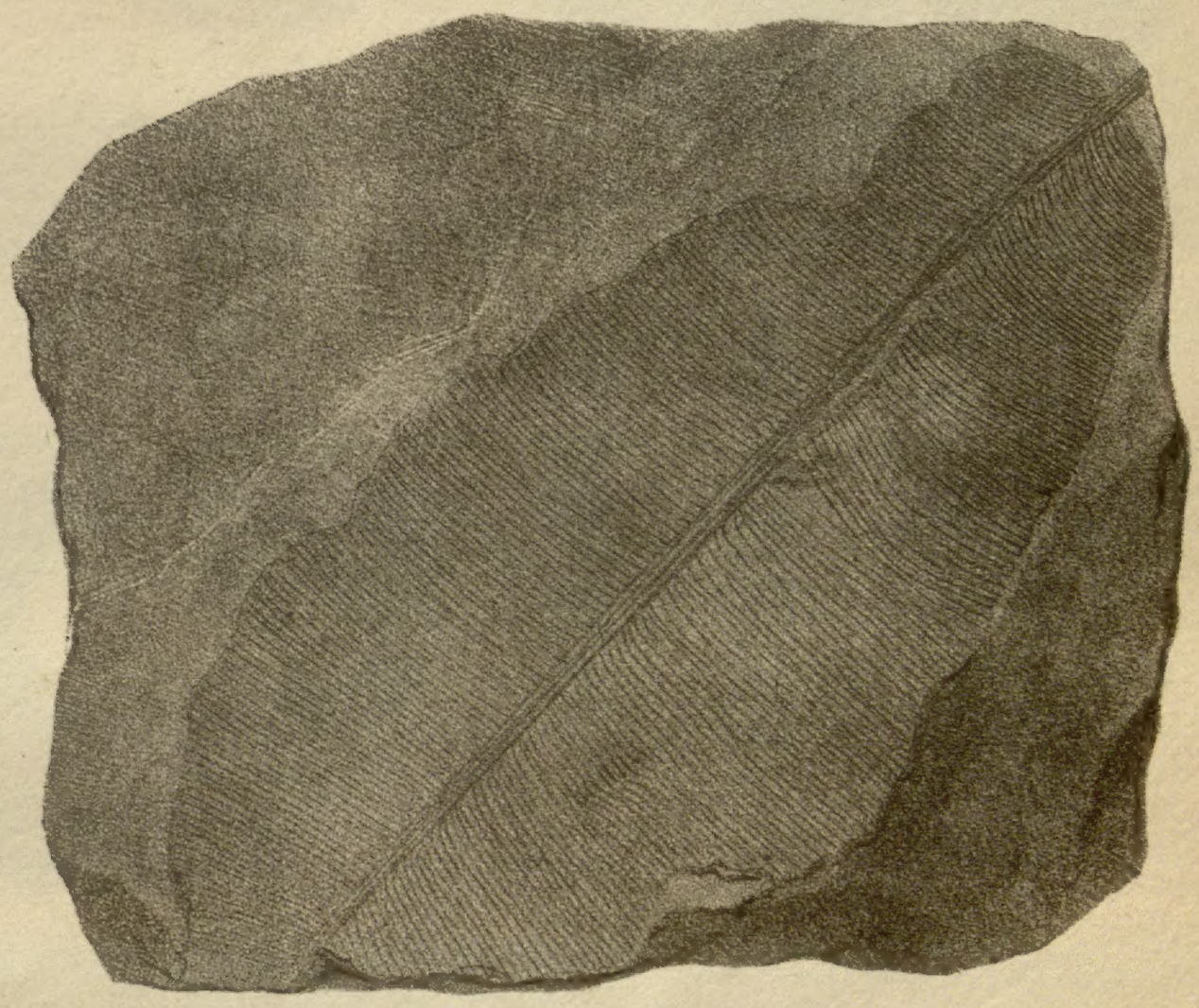
5

5.6.7. *Vertebraria radiata.*



8. *Trizygia speciosa.*



9. *Glossopteris danaoides*

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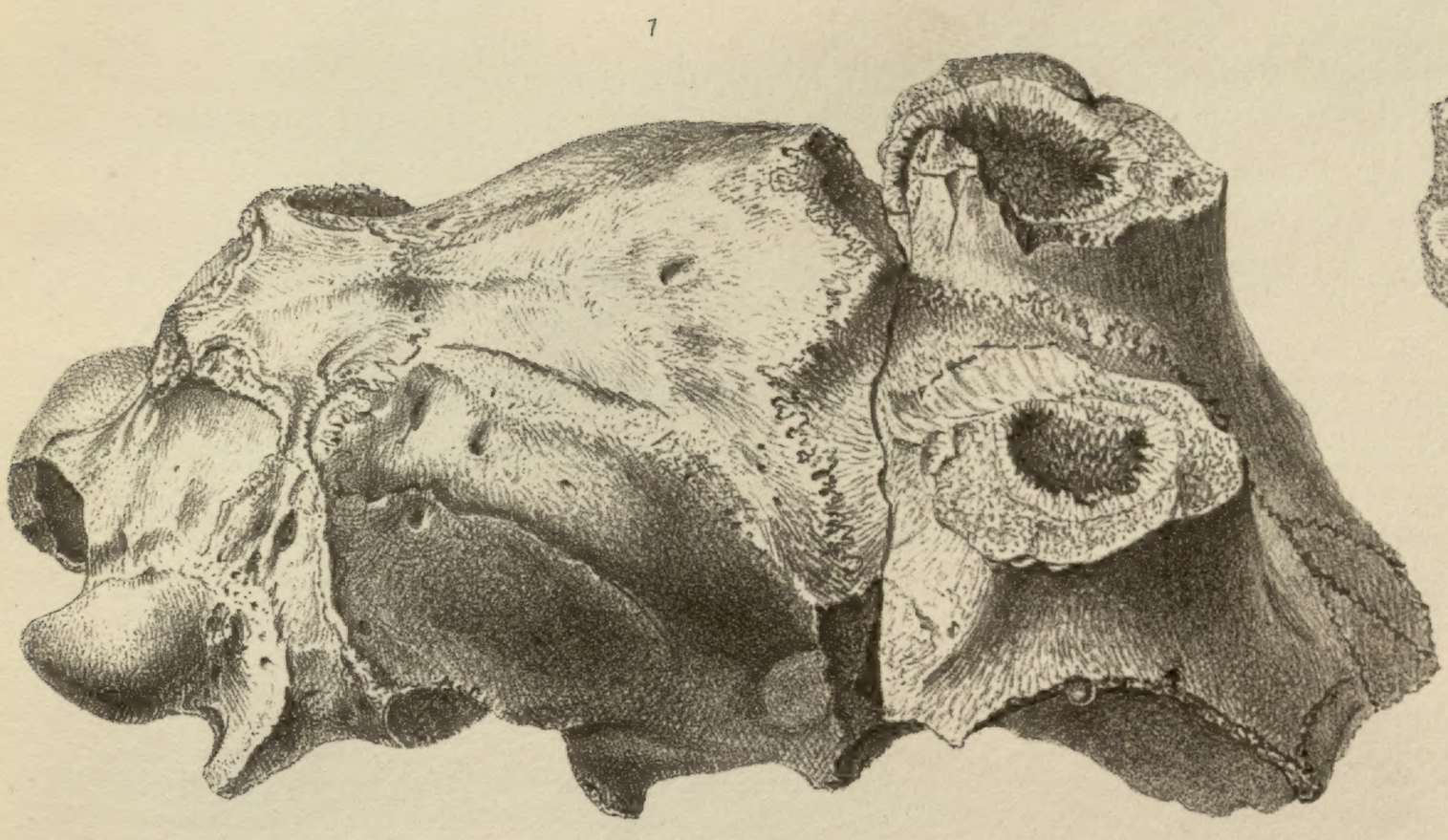
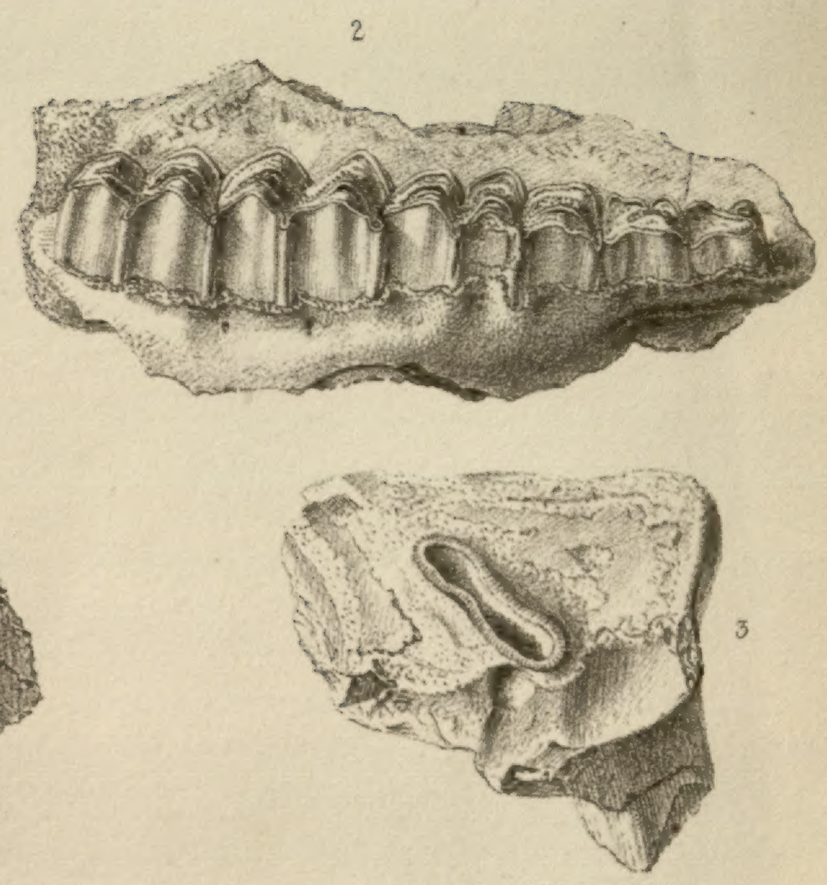
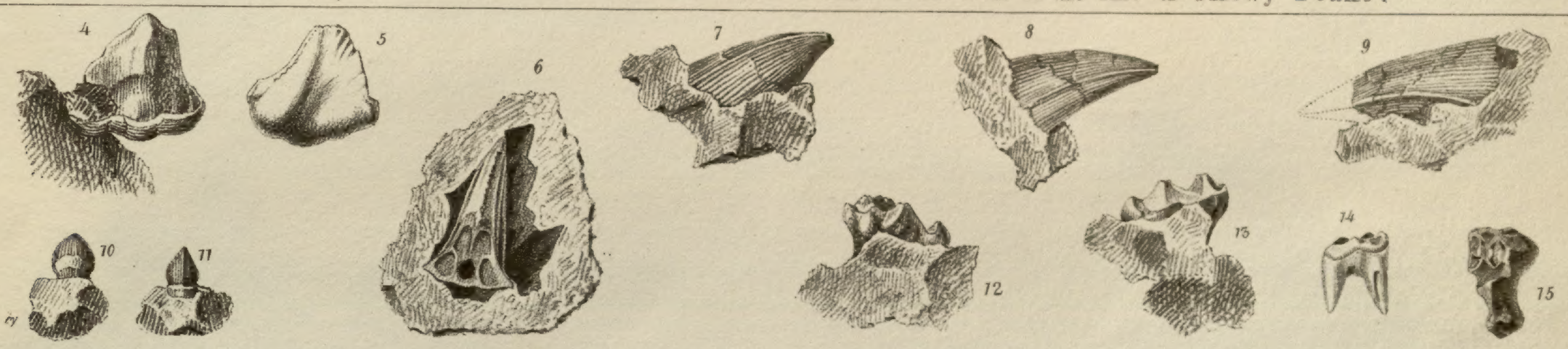


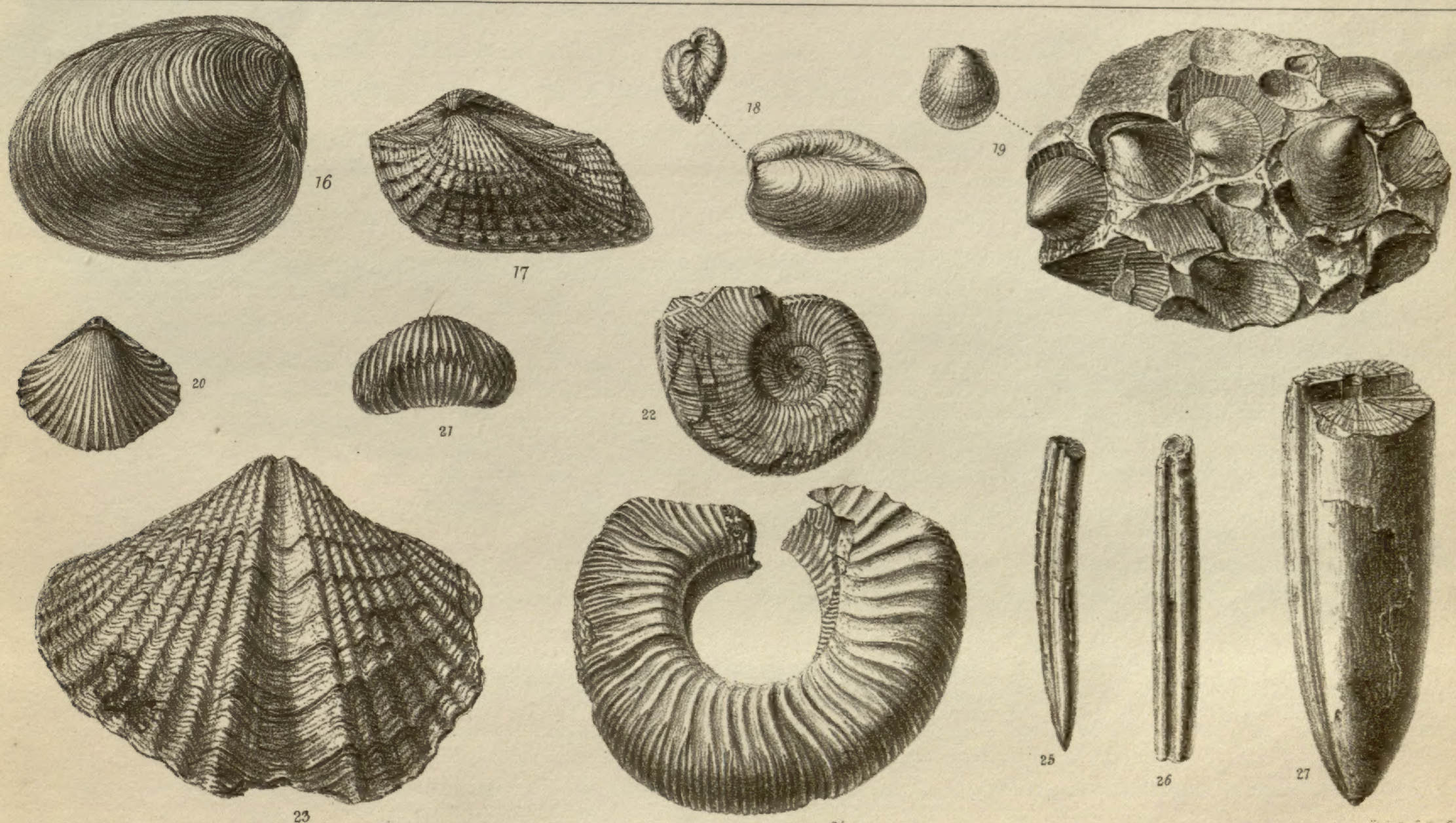


Fossil Bones obtained by Mess.rs Webb and Traill, from the elevated land on the N.E of the line of Snowy Peaks.



4 to 15 from Drawings by Lt Cautley

Fossil Teeth found by Lieut Cautley in the Lower Range on the S.W. or plainward base of the Himalayas.



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Fossil Shells discovered by Mr Gerard in the elevated Valley of the Spiti, N.W. of Kunawur.

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1

2

3

Lagomys alpinus Desm. *L. Pika.* Geoff.

Choor Mountain. Lat. 30. Elev. 11500

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Printed by Graf & Soret

Cervus Dodur.

Cervus Rutwa. Hodgs.

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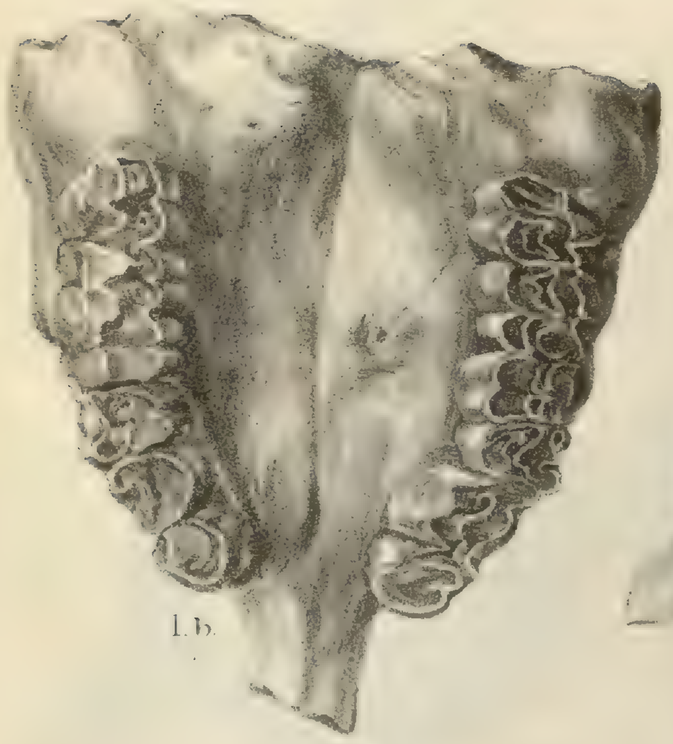
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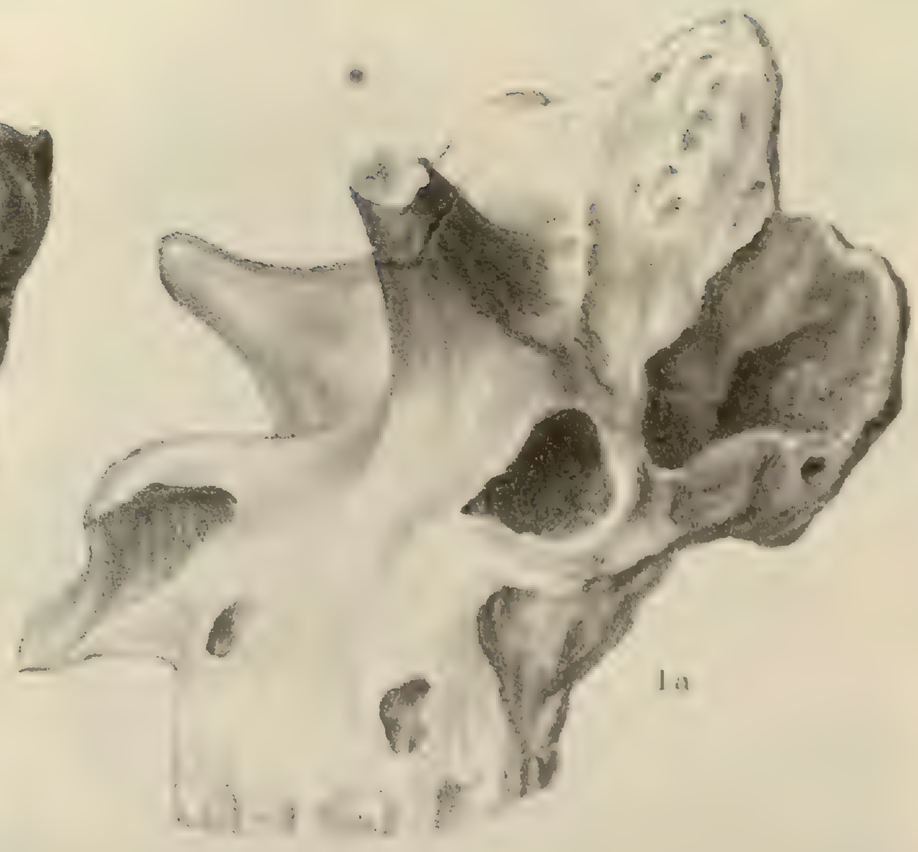
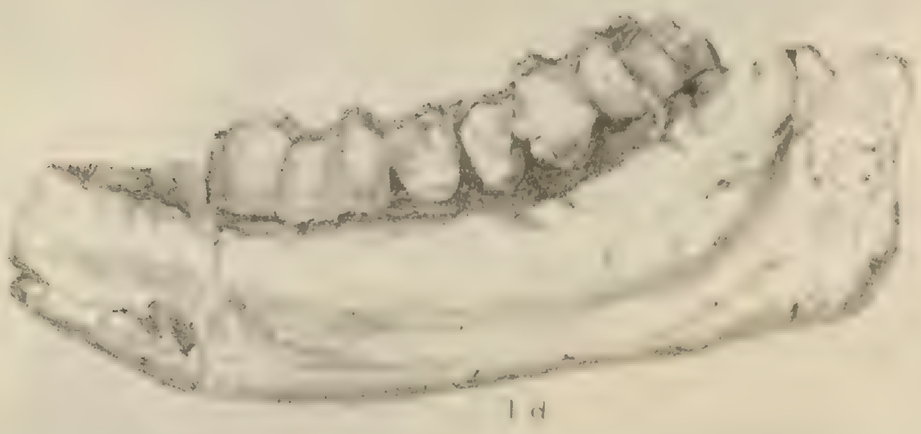

1.a

1.c

2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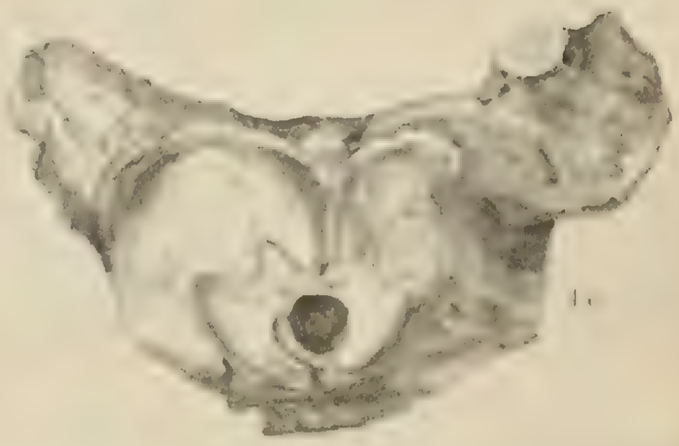
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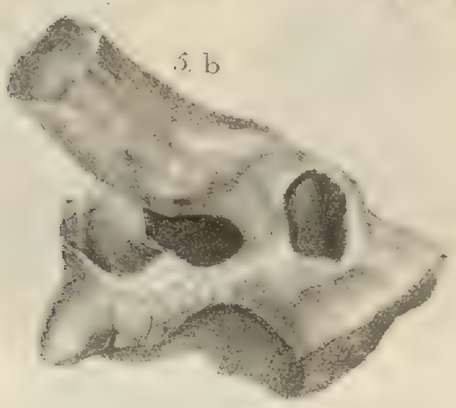
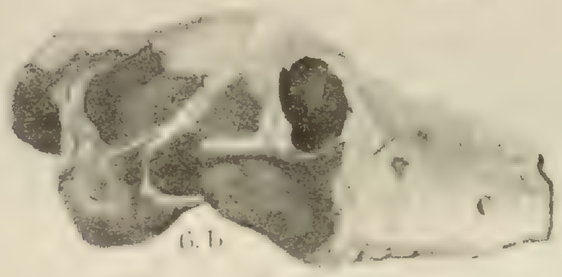
4.c

4.b

7.b 7.a


5.b

3.b


6.b

5.a

1.a

Capt.n Cautley del.

M. Gauci lith

Fossils of the Sub Himalayan, or Sewalik Hills

Published by Allen & Co, Leadenhall Street

J. Graf. Printer to her Majesty.

Certhia Goalpariensis.

Eurylaimus Dalhousiæ. *Wilson.*

Pitta brachyura

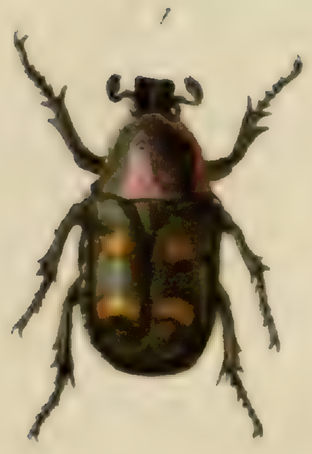
Published by Parbury, Allen & Co. Leadenhall St.

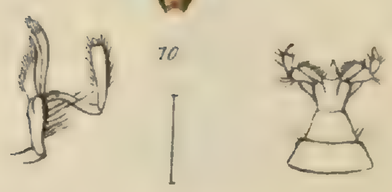
1. Garrulus bispecularis.

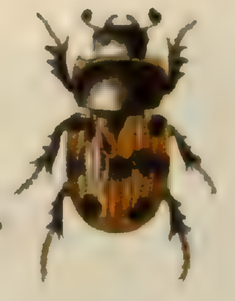
2. Carduelis caniceps.

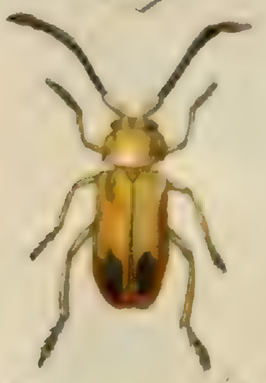
3. Turdus albicollis

Published by Parbury Allen & Co. Leadenhall St.









1 *Cetonia Roylii Hope.*
2 *Geotrupes Orientalis Hope.*
3 *Onthophagus phanaeoides Hope.*
4 *Lucanus lunifer Hope.*
5&6 *Lamia Wallichii Hope.*

7 *Perus ochraceus Hope*
8 *Aphodius irregularis Hope.*
9 *Anisotelus bimaculatus Hope*
10 *Elater cyanopterus Hope*
11 *Ripipharus apicalis Westwood*
12 *Forficula micropyga Westwood.*

J.O.Westwood del.
March 1836

Printed by Graf & Soret.

M.Gauci Lith
9 Marsh Crescent Bedford Sqre

1 *Campylotes histrionicus.*

2 *Cicada pulchella.*

3 *Paphia Parakekta.*

4 *Papilio Machaon.*

5 *Mantis Roylii.*

6 *Scutellera pulchella.*

7 *Megarhynchus transversalis*

8 *Dirhinus Himalayanus*

9 *Nycteribia Roylii.*

10 *Hippobosca maculata.*

a

3

c

2

b

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b

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M. Gauci lith

Vahnemppissaud del.

1. Anemone discolor. 2. Ranunculus polypetalus. 3. Isopyrum grandiflorum. 4. I. microphyllum.

Published by Parbury, Allen & Co. Leadenhall Street.

Printed by Graf & Soret.

V.Snuversand del.

Delphinium Cashmerianum Royle

Published by Parbury, Allen & Co 7, Leadenhall Street

Printed by Graf & Sorel.

Aconitum heterophyllum Wall.

Published by Parbury, Allen & Co.ª Leadenhall St.ª July 1833

Printed by Graf & Soret

J. Sowerby and del.

Cimicifuga frigida. Watt.

Published by Parbury Allen &

M Bourne lith.

Meconopsis aculeata Royle

London, Published by Parbury, Allen & Co. Leadenhall St.

Printed by Graf & Soret.

1

2

c b a a b c d

Vishnupersaud del: *M.Gauci lith.*

1. Corydalis Cashmeriana. Royle. 2. C. Govaniana. Wall.

Published by Parbury Allen & Co. Leadenhall Street.

Printed by Graf & Sorel.

Hohupersand del.

Tauscheria desertorum

M. Gauci lith.

Published by Parbury Allen & Co. Leadenhall Street.

Printed by Graf & Sons

3

2

1

Fishmongersmid. del.t

M.Gauci. Lith.

1. *Viola Serpens.* Wall.

2. *Viola reniformis.* Wall. *Viola Kunawurensis.* Royle

Printed by Graf & Soret

Vishnupersaud del.t

A *Polygala myrsinites.*

M.Gauci lith.

B. *Polygala furcata* C. *Polygala cistalarioides* D. *Polygala triphylla.*

Published by Parbury Allen & Co. Leadenhall St.

Printed by Gugf & Sorel

Vishnupersaud del.

N. Gauci lith.

Silene Falconeriana. *Lychnis fimbriata*

Published by Parbury Allen & Co. Leadenhall

Printed by Graf & Gerrel

3

c d e a b

2

b c d a

1

1. Leucostemma latifolia. 2. L. angustifolia. 3. Arenaria festucoides.

Published by Pewbury Allen & C. Londonbal. St.

M. Gauci Lith.

Ficus elastica. Roxb.

1. Gossypium herbaceum. 2. G. arboreum.

Published by Parbury Allen & Co° Leadenhall St.

Printed by Graf & Soret

Fishmupersana del.t

1. Eurya acuminata 2. Hypericum Japonicum.

Published by Parbury Allen & Co. Leadenhall St.

c e d f b a

Fitzpatrick del.

Cedrela serrata.

M.Gauci lith.

Published by Parbury Allen & Co. Leadenhall Street.

Printed by Graf & Sons

2×

1

c d b a

c d e f

2

a b

Fitch ad nat. del.

1 *Cissus rosea.*

2 and 2× *Cissus capreolata.*

Published by Lovell Reeve & Co. [illegible]

Fickinger pinxit del.

M. Gauci lith.

Geranium Lindleyanum.

Published by Parbury, Allen & Co. Leadenhall St.

M. Gauci lith

Vishnupersaud del!

1. *Impatiens bicolor.*

2. *Impatiens glandulifera.*

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf & Soret

Dictamnus Himalayanus. Royle.

Published by [illegible] Allen & Co. 7 Leadenhall Street.

Printed by Graf & Sorel

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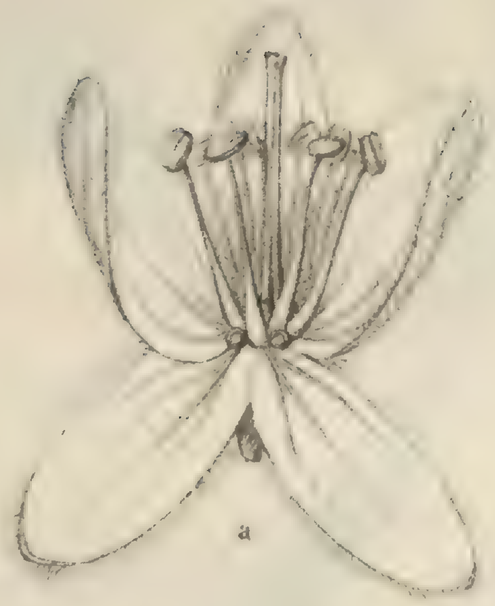

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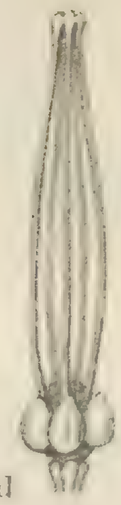

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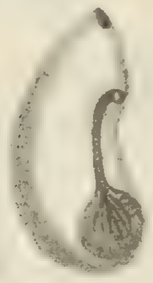

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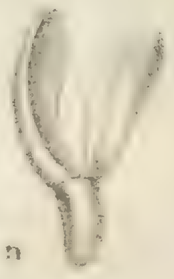

n

Plant W. Saunders Esq.r dissect.r C.M. Curtis del.t

Bibersteinia odora.

M. Gauci lith.

Published by Parbury Allen & Co.r Leadenhall St.r

Printed by Graf & Sons

1

b a c e f d

2 e

a b d c f

Vishnupersaud del.

M. Gauci lith

1. Evonymus echinata 2. Odina Wodier

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf & Soret

1. *Thermopsis barbata.* 2. *Edwardsia mollis.*

Published by Parbury Allen & Co. Leadenhall St.

Fichnipons and del.

M Gauci lith.

1 Uraria lagopoides.

2. Astragalus leucocephalus.

Published by Parbury, Allen & Co. Leadenhall St.

Printed by Graf & Sons

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b

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a

Miss Drake delt

Tartaric Furze of Travellers.

M Gauci Lith

1. Caragana Gerardiana.

2. Genista [illegible]

Published by Parbury Allen & Co Leadenhall Street.

Printed by Gauci & Jones

Fishr. pers. and del.t

1. *Parochetus communis.*

2. *Smithia ciliata.*

Published by Parbury Allen & Co.t Leadenhall St.t

Printed by Graf & Sord

1 ex Icon. Hamilt. 2 W. Saunders Esq^r

M. Gauci lith.

1. Aquilaria . Agallocha.

2. Astragalus Grahamianus.

Published by Parbury Allen & Co^s Leadenhall St.

Fishmongersaud lith.

M. Gauci lith.

Cassia (Senna) lanceolata.

Cultivated in India.

Published by Parbury, Allen & Co. Leadenhall Street.

Printed by Graf & Sons

Vishnupersaud del.

M. Gauci lith.

1 Prinsepia utilis.

2. Cerasus cornuta

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf & Sons

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a b c d e

1 Sieversia data

2 Dalibarda alycina

M. Gauci lith

Published by Parbury Allen & Co. Leadenhall St.
Printed by Graf & Soret

2

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M Gauci Lith

1 & 2. W. Saunders Esq.r del.t

1. Potentilla Cautleyana. 2. P. pteropoda. 3. Sibbaldia purpurea.

Published by Parbury Allen & Co.r Leadenhall St.t

Printed by Graf & Soret

1

3

2

M. Gauci lith.

1. *P. Saundersiana.* 2. *P. microphylla.* 3. *P. Inglisii.*

Published by Parbury Allen & Co. Leadenhall St.

Fuhrmupersaud del.ᵉ

M Gauci lith.

1. *Rosa sericea.*

2. *Rosa Wilbriana.*

Published by Parbury Allen & Cº Leadenhall St.

Printed by Graf & Soret

1. Circæa cordata.

Epilobium luteum

Published by Parkbury, Allen & Co. Leadenhall St.

1 Lythrum Cashmerianum.

2 Myricaria bracteata

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf &

M. Gauci. lith.

e d c b a

Conocarpus latifolia

a b c d e

Sonerila tenera

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf & Soret

1

a

2

b

M. Gauci lith.

1. *Philadelphus tomentosus* *Deutzia corymbosa.*

Published by Parbury Allen & Co. Leadenhall Street

Printed by Graf & Soret

1

3

b

2

a

1. Cucumis pubescens. 2 C. pseudo Colocynthis. 3. Cucumis Hardwickii.

Published by Sowerby Allen, & Co Leadenhall St.

Printed by Graf & Jarrat

1

2

3

M. Gauci lith.

1 *Sedum linearifolium.* 2. *Sedum azureum* 3 *Sedum coccineum.*

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf & Sons.

1

2

3

Vishnupersaud del.

W. Clark Lith.

1. Saxifraga imbricata. 2. S. ciliata. 3. S. ramulosa.

Published by Parbury Allen & Co. Leadenhall St.

1

2

a

b

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d

c

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Fig. 2. W. Saunders Esq.r 3. Fishnupersaud del.t

M Gauci lith

1. Saxifraga stenophylla. 2. S. spinulosa. 3. Parnassia nubicola.

Published by Parbury Allen & C.o Leadenhall St.

1. Pycnocycla glauca.

2. Eriocycla nuda.

M. Gauci lith.

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf & Soret.

a

b

1

2

a

b

M. Gauci lith.

1. Pimpinella laxa.

2. Hymenolaena Govaniana

J. Wahnupersand, E.W. Saunders Esq.re del.t

M. Gauci lith.

1. Kohautia coccinea 2. Lonicera bracteata.

Published by Parbury Allen & Co. Leadenhall St.

Printed by Gratt & Sons

Nardostachys Jatamansi

Published by Parbury Allen & Co Leadenhall St.

Printed by Graf & Soret

1

f

e

d

c

2

b

a

1. *Morina Wallichiana*.

2. *Scabiosa speciosa*.

Published by Parbury Allen & Co. Leadenhall St.

Fishmongersend del.

1. Echinops nivea.

Cyathidium taraxacifolium.

M Gauci Lith

Published by Parbury, Allen & Co. Leadenhall Street

Schnepfenhausen del.

M. Ganci lith.

Dolomiaea macrocephala.

Published by Parbury Allen & Co. Leadenhall St.

1

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Tshnuppersaud del.

M Gauci Lith.

1. Aster angustifolius. 2. Calameris flexuosa. 3. Galatilla juncea.

Published by Parbury Allen & Co. Leadenhall St.

a

C

d

b

Fishnepervand del.

Aplotaxis gnaphaloides. *Chaptalia gossypina.*

N. Comyn Lith.

Published by Parbury Allen & Co. Leadenhall St.

Printed by Gray & Sons

a

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2

1. Vorisarbea indica.

2. Ligularia arnicoides.

a

b

c

1

c

a

b

2

P. Reinagle ad. del.

1. Mulgedium Macrorhizum.

M. sagittatum.

M. Swan lith.

Published by Parbury Allen, & Co. Leadenhall St.

d

1

a

2

b

a

c

Krishnupersaud del.

M. Gauci lith.

1. Campanula Cashmeriana. 2 Codonopsis rotundifolia.

Published by Parbury Allen & Co. Leadenhall St.

1. Andromeda fastigiata 2. Gaultheria nummularioides. 3. G. trichophylla.

Published by Parbury Allen & Co Leadenhall St

Printed by Graf & Soret

M. Tuzci lith

1. *Thibaudia variegata.*

2. *Gaylussacia serrata.*

M. Gauci lith.

Published by Messrs. W.H. Allen & Co. Leadenhall Street.

Printed by Graf & Sons.

Rhododendron lepidotum *Rhododendron anthopogon*

London Published by Barbary Allen & C° Leadenhall Street

Printed by Graf & Soral

1. Olea ferruginea.

2. Syringa Emodi.

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf & Sons

1

2

3

1. Withanthora viminea.

2. Holostemma Brunoniana.

3. Ceropegia Wallichii

M. Gauci Delt.

Published by Mess^rs W.H. Allen & Co. Leadenhall St.

Printed by Graf & Strei

a

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a

Fishmupersound del.

M. Gauci lith

Swertia cerulea.

Swertia alternifolia.

Published by Pabury Allen & Co. Leadenhall St.

1. Gentiana coronata. 2. G. Kurroo. 3. G. contorta.

Published by Parbury Allen & Co Leadenhall St.

2

3

a b

d c a d e

M. Gauci lith.

1. Cyananthus lobata. 2. C. integra. 3. Codonopsis ovata.

Published by Parbury, Allen & Co Leadenhall St.

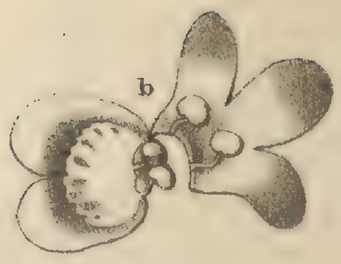
Printed by Graf & Soret

1. *Didymocarpus macrophylla.* 2. *Chirita bifolia.*

M. Gauci lith.

Published by Mess^rs W.H Aller & Co Wanderhall &c

Printed by Graf & Sons



Fishnupersaud del.

Platystemma violoides.

M. Gauci lith.

Picrorhiza Kurroa.

Published by Parbury Allen & Co. Leadenhall St.

W. Saunders Esq.r 2. Vishnupersaud.

M. Gauci lith.

1. Incarvillea diffusa. *2. Pedicularis versicolor.*

Published by Mess.rs W.H. Allen & C.o Leadenhall St.

Printed by Graf & Sorel.

1 Anchusa methioides. 2. Lantana dulcis 3. Gymnandra Cashmeriana.

Blished by Parbury Allen & Co. London

Fuhrmann and del.

M. Gauci lith.

Eremostachys superba.

Published by Parbury Allen & Co. Leadenhall St.

Luchmun Sing del.

Phlomis Cashmeriana.

Salvia hians.

M. Gauci lith.

Published by Parbury, Allen & Co. Leadenhall St.

Printed by Graf & Sons.

Fuhnmperand del.

M Gauci lith

Primula rosea

Primula elliptica

London, Published by Parbury Allen & Co. Leadenhall Street.

Printed by Graf & Soret.

1. *Primula obtusifolia* 2. *P. purpurea.*

M.Bauer inv.

Published by Parbury Allen, & Co. Leadenhall St.

Printed by Graf & Soret

M Vance lith.

Rheum Spiciforme Royle.

London, Published by Parbury, Allen & Co. Leadenhall Street

Printed by Graf & Soret

b

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c

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2

M. Gauci lith

1. *Rheum Webbianum.*

2. *Balanophora dioica.*

Published by W.H.Allen & Co. Leadenhall St.

1. Begonia echinata. 2. Polygonum vaccinifolium 3. P. Brunonis.

M. Gauci lith.

Published by Messrs W. H. Allen & Co Leadenhall St.

Printed by Graf & Soret.

M Gauci lith

1. Eleagnus parvifolia

2. Daphne mucronata.

Published by Mess^rs W.H. Allen & C^o Leadenhall S^t

Euphorbia pentagona. 2. E. humilis 3. E. nana. 4. E. Cashmeriana.

b

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7

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k

l

M. Gauci lith

Putranjiva Roxburghii.

Published by Mess^rs W.H. Allen & C.^o Leadenhall St.

M. Gauci lith.

1. *Procris racemosa.* 2. *P. pedunculoris.* 3. *P. obtusa.*

Published by Mess^rs W.H. Allen & C^o Leadenhall St.

Printed by Graf & Soret.

1. Populus alba. 2. Paloonera imperialis. 3. P. Wallich.

Painter to her Majesty.

Published by Messrs W.H. Allen & Co. Ludgate hill St.

M. Gauci lith

1

b

d

c

a

2

Mr. Drake del.

M. Gauci lith.

1. Pinus Khutrow.

2. Quercus dilatata.

Published by Messrs W.H. Allen & Co. Leadenhall St.

Printed by Graf & Sons.

a

d e f g

c b

1. Pinus longifolia.

c f g h

a b c d

2. Pinus Gerardiana.

i k l

Published by Kess.r W. H. Allen & C.o Leadenhall S.

Printed by Graf & Lange

M. Gerard delt.

Pinus Pindrow.

Published by Messrs. W. H. Allen & Co. Leadenhall St.
Printed by Cox & Son.

1

a

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M. Gauci lith

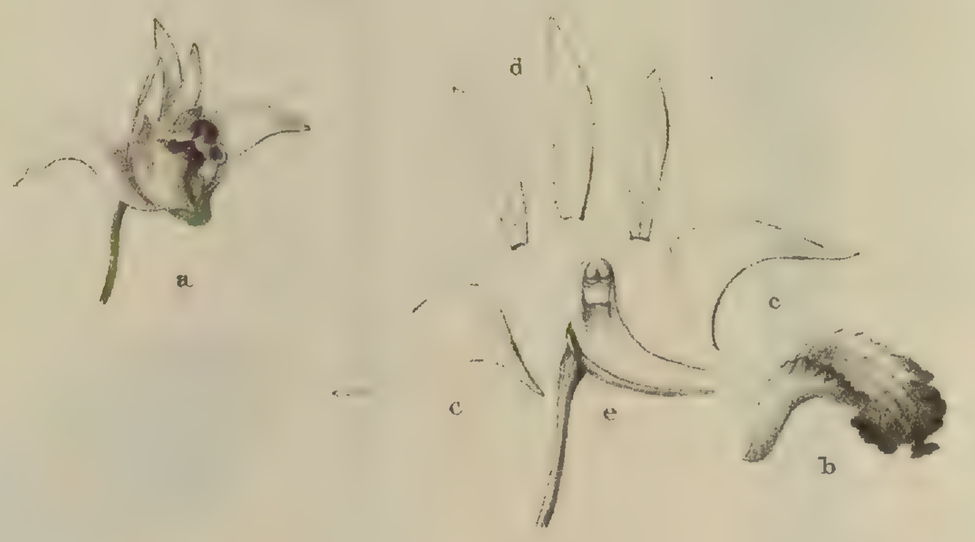
1. *Aceras angustifolia.*

2. *Peristylus goodyeroides.*

3. *Herminium gramineum.*

Published by Mess^rs W.H. Allen & C^o Leadenhall St.

Printed by Cox & Sons.



M. Gauci lith.

1. Cyrtopera Flava.

2. Dendrobium alpestre.

Published by Mess^rs W.H. Allen & Co. Leadenhall St.

Printed by Graf & Sorez

1. Roscoea alpina. 2. Roscoea lutea. 5. Roscoea purpurea.

Published by Mess^rs W.H. Allen & C^o Leadenhall St.

M. Gauci lith

b

1

2

1.

1. Crocus sativus var Cashmerianus. 2. Iris Nepalensis.

Published by Mess^rs W.H. Allen & C.^o Leadenhall St.

a

c

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a

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b

1. *Burmannia cœlestis.* 2. *Iris longifolia.* 3. *Hypoxis minor.*

M. Gauci lith.

Published by Messrs W. H. Allen, & Co. Leadenhall St.

M. Gauci. Lith.

1. *Lilium Thomsonianum.* 2. *Fritillaria verticillata.*

Published by W.H. Allen & Co. Leadenhall Street.

Printed by Graf & Sorez

M Gauci lith.

1. Trillium Govanianum. 2. Sloydia Himalensis. 3. L. Kunawurensis.

J Graf. Printer to her Majesty.

Published by Parbury, Allen & Co Leadenhall St.

Gauci lith.

1. Smilax Maculata.

2. S. Villandia.

Published by Parbury Allen & Co. Leadenhall St.

1. *Butomus lanceolatus.* 2. *Gagea elegans.* 3. *Murdannia scapiflora.*

Published by Parbury Allen & Co. Leadenhall St.

a

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a

M. Gauci lith.

1. Ophiopogon intermedius.

2. Uvularia Leschenaultiana.

Published by Parbury, Allen & C.o Leadenhall St.

Nº 3.
Miss Drake. del.

M. Gauci. lith.

1, Eriocaulon Sollyanum. 2, Hordeum Ægiceras 3, Andropogon Calamus Aromaticus.

Published by W.H. Allen & Co Leadenhall Street.
J. Graf. Printer to her Majesty